

Children's Newspaper

Every Wednesday—Threepence

FOUNDED BY ARTHUR MEE

No. 1692, August 25, 1951

HORSEPLAY IN THE HAY

The spectacle of a massive cart-horse enjoying a slide down a fifteen-foot slope of hay from the top of a hayloft is calculated to make one blink and imagine that one has strayed into Wonderland.

This strange sight, however (Alice would undoubtedly have called it "curiouser and curiouser"), can be witnessed on a Kirkintilloch farm, near Glasgow, where Tommy has been trained to tramp steadily round and round the hayshed, packing the hay firmly down with his great hooves as the farm workers pitchfork it towards him.

As the level of the hay gradually rises, so Tommy rises with it, until finally his head is in the rafters. Then comes his big moment. Stepping to the edge of the hay as daintily as a carhorse can step, Tommy spreads his legs wide and with a neigh of delight slides down the slope of hay to the ground.

Obviously Tommy considers August to be his holiday month, and it is always with the greatest reluctance that he leaves his work at the hay for the more drab and commonplace jobs about the farm.

WRONG ADDRESS

A lorry-driver of British Road Services set his course north for Caithness, in the far north of Scotland. On his lorry were two weighty electrical coal-loaders, marked with the address "Armada, by Thurso, Caithness."

As he approached his destination he grew rather puzzled, for he saw no signs of heavy industry. All around him was wild and mountainous moorland, with occasional groups of sheep or Highland cattle the only signs of life.

Arriving at Thurso, he inquired the way to Armadale, but was astonished to hear that the elusive place was a tiny village of some 60 inhabitants, with no mines and no heavy industries. More and more puzzled, the driver doggedly pursued his way to Armadale and from there telephoned his headquarters.

Then it was discovered that he had been sent to the wrong address. The Armadale he wanted was not the one on the north coast of Scotland, but the Armadale in West Lothian, 300 miles farther south!

NOT STATIONARY

While hoeing cabbages in his garden, the stationmaster at Berwick-on-Tweed suddenly felt the ground cave in under his feet and then sank to his armpits.

Investigation revealed the presence of an unsuspected underground chamber, 25 feet deep, belonging to Berwick Castle. The station was built on the site of some of the castle buildings.

LAUNCHING A ROCKET INTO THE SKY

Scientists probing the heights

FROM a research-station at White Sands, far out in the New Mexico desert, an American rocket of the Viking type shot up into the stratosphere. It came down 41 miles from the launching platform, having been in the air only ten minutes. But in that brief time it had attained an estimated maximum speed of 1400 miles an hour—more than twice the speed of sound—and had reached a height of 135 miles!

The five-ton rocket contained instruments to record atmospheric conditions at a height of 50 miles; these were dropped by parachute. Just before the rocket was due to land, and while it was still 40 miles above the earth, it was blown apart with explosives fired by a radio signal. In this way the speed of its fall was checked, the impact on striking the earth was less violent, and the recording instruments could be recovered intact.

TRACKED BY RADAR

Some of the electronic instruments actually transmitted their readings back to the control room by radio during the ascent, and the course of the rocket itself was tracked by radar.

It was the seventh test rocket launched by the American authorities, and it has been estimated that each launching costs £71,500. The previous record height for a rocket, 114 miles, was reached by a rebuilt German V2 at White Sands in 1946.

The Viking is the result of hundreds of hours of calculation and research, and more hundreds of hours of manufacture and assembly of the parts. Then comes the fitting and checking of all the complex instruments and apparatus, much of which is done while the rocket is in a horizontal position.

Finally, when all is ready, a mobile gantry lifts the fish-like monster into a vertical position and lowers it on to its launching platform, where it stands on its tail fins.

TENSE MOMENTS

The last few hours before the launching are tense and exciting indeed. No one seems to give a thought to eating or sleeping. The tall rocket is surrounded by busy technicians and scientists.

Just before the actual launching there is a test-firing of the engine, during which the rocket is bolted to the concrete base. The engine gives 20,000 pounds of thrust, the fuel being a mixture of liquid oxygen and alcohol.

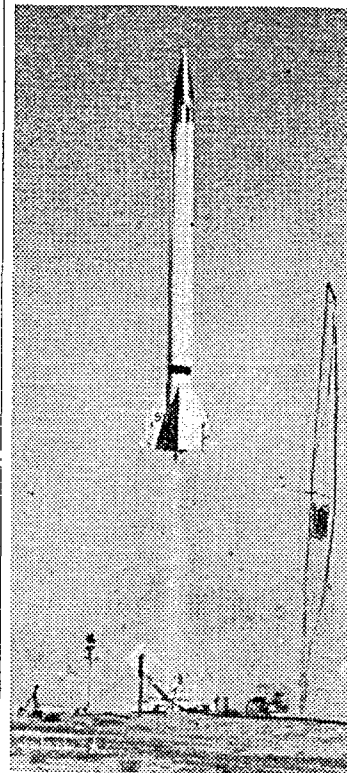
At last everyone is cleared out of the area except a few "boffins," who retire to the control room, a concrete blockhouse with thick walls and ceiling. The rocket stands alone, gleaming like a lofty metal spire in the desert, pointing to the deep blue sky.

At the appointed moment a but-

ton is pressed in the control room. The fuel in the rocket is fired, and a hissing roar splits the desert silence. A burst of flame and smoke shrouds the rocket's tail and the slender metal column roars upward, far outpacing the sound that it makes.

In a few seconds it is out of sight, leaving a trail of white vapour fading away up into the stratosphere.

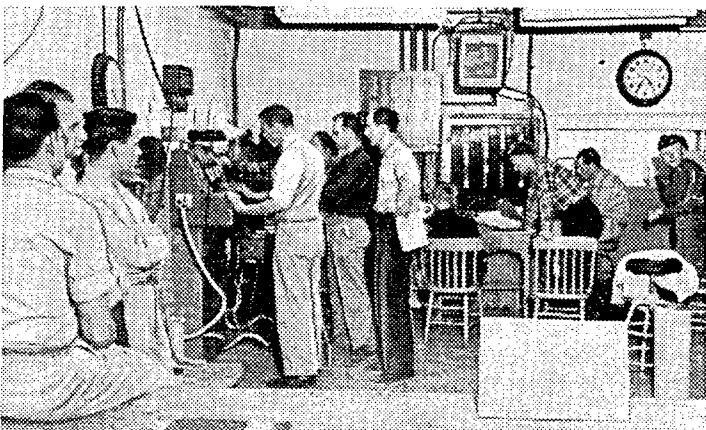
Only a speck of light on the radar screen remains to show that a great projectile is probing the uttermost frontiers of our world.



Up she goes!



Fuelling the Viking rocket. The gantry can be seen on the left



Recording the rocket's flight in the control room

ANTS HAVE THEIR PROBLEMS

Most of us think of the ant as a hard-working but comparatively trouble-free insect whose industrious ways the Bible exhorts us to follow. But ants, like people, have many problems to deal with, and Mr. Donald Bowles, Director-Secretary of the Zoological Society of Scotland, was recently telling an Edinburgh audience about them.

If one were to imagine the ant as big as a human being, said Mr. Bowles, then, taking comparable sizes, some species of ant were forced to keep the larva of a certain type of butterfly as large and ferocious as a crocodile.

Other ants were plagued by flies as big as eagles, or had to put up with a lodger the size of an ape, while others again were infested by fleas as big as monkeys, which climbed to the ant's head when it was about to eat and snatched the food from its mouth.

Taking all in all, concluded Mr. Bowles, it was perhaps better to be a human being—and most of us will agree with him.

THE SNAKE IT WAS THAT DIED

In Oliver Goldsmith's poem, a dog, to gain his private ends, went mad and bit the man. The man recovered of the bite, the dog it was that died.

Much the same thing happened at an Air Force base near San Antonio, Texas, where a rattlesnake bit an employee and crawled away to die, leaving the man none the worse.

The explanation was that the employee had been working a great deal with sodium cyanide, and his body had absorbed so much of the poison that it had built up resistance to the poison in the snake's fangs. The snake, however, succumbed.

GIVE AN ELEPHANT A BONE

In the Addo game reserve near Port Elizabeth, South Africa, the elephants like bones. Oranges used to be the favourite on the elephant menu, but bones are now demanded.

Give an elephant a bone is a local slogan, but it has to be done on a big scale. The city's butchers have collected many sackfuls and ground them up into bone-meal in the hope of persuading the elephants to stay near the city. Tourists like to see the elephants, and the traders like to see the tourists.

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PEOPLE WITHOUT REFUGE

The humane task of United Nations

IN the last three or four years over a million unhappy men, women, and children have been resettled in new homes throughout the world. This magnificent achievement is the result of the hard and devoted labours of the International Refugee Organisation, an agency of the United Nations.

From the beginning of this year I.R.O. has assumed a new form, and its work is now controlled by the U.N. High Commissioner's Office for Refugees at Geneva.

The High Commissioner is Mr. C. F. van Heuven Goedhart, and his chief task is to give legal aid and protection to the remaining refugees and displaced persons, and to secure their resettlement. The number in need of his help at the beginning of this year was estimated at 293,000.

UPROOTED

The World War created a refugee problem on a scale never witnessed before. No longer do exiles drift in tens of thousands across Europe—tragic processions of people without homes, without hopes—but there are still great communities of people who have been uprooted from their homelands and are still unable to visualise what the future holds for them.

Worse still, the ruthless governments established by the Communists in many parts of Eastern Europe continue to add to this pitiful army.

The problem of more than a million refugees is clearly an international problem, and as such it was rightly taken over by the United Nations, who have acted through the International Refugee Organisation.

I.R.O. was determined from the beginning not to allow the refugees to become a permanent burden

upon the impoverished nations of post-war Europe. Accordingly, it provided for a vast emigration of refugees to overseas countries. Only about 72,000 have chosen to return to their native countries; some 150,000, the so-called "hard core" of aged and frail people, have remained in the various camps in Germany and other parts of Europe.

But for hundreds of thousands of other refugees a new life has dawned. Many who despaired of ever again being able to find useful work are farming in the New World across the seas—in Argentina, Canada, and the United States. Others are building houses, roads, and factories in Chile and Israel, or are clearing the wilds to open up new farmlands in Venezuela and Brazil.

NEW HOMES OVERSEAS

America has led the way by finding new homes for 280,000 of these refugees; Australia, Israel, and Canada have each taken no fewer than 100,000 persons as permanent settlers. Homes have also been found for refugees in Britain, New Zealand, and France.

The European refugee problem is gradually being solved, but, unhappily, in other parts of the world it is growing. China has countless refugees, and in Korea the problem is equally grave. The work of the United Nations on behalf of the tragic host is, alas, by no means ended.

RADAR TO THE AID OF FATHER NEPTUNE

Radar recently went to the assistance of Father Neptune.

As the liner Arawa was nearing the Equator, homeward bound, preparations were made for the traditional ceremony of Crossing the Line. Then, just as the ancient ritual was due to begin, a sudden tropical storm threatened to drench everyone.

It looked as if the ceremony would have to be abandoned, but the radio officer switched on the vessel's "radiolocator" and found that the limit of the rain was 7½ miles distant, and that its duration would therefore be about half an hour.

The vessel was halted, and after 45 minutes Father Neptune and his court came aboard, and the traditional ceremony proceeded in fine weather.

NEW SCOTTISH FIVERS

New Scottish £5 notes are now being issued. They are coloured mauve and bear views of Glasgow Cathedral and King's College at Aberdeen on one side, and the coat-of-arms of the Clydesdale and North of Scotland Bank on the other.

New notes of £10 and £100 which are to follow will be in different colours, but with the same designs.

HIGHLY PAID

Americans are the highest-paid workers in the world. Their average income is more than 20 times that in Asia and nearly four times that in Russia.

According to a survey by the United Nations Department of Economic Affairs, these are the comparative incomes (in U.S. dollars) in different parts of the world: North America 1100, Oceania 560, Europe 380, Soviet Union 310, South America 170, Africa 75, and Asia 50.

More than half the world's population is in Asia, but only 10 per cent of its income. North America, with only 10 per cent of the world's population, has nearly 45 per cent of the world's income.

QUALITY GRASS

In recent years an increasing acreage has been turned over to the growing of pedigree grass seeds.

Particularly in Lincolnshire, where the acreage sown has doubled this year, the grass-seed harvest is likely to become an increasingly important and popular sideline among farmers.

There is a heavy demand from the home market for the highest grade of grass seed, whilst large quantities are taken by American farmers, who find the British seed useful for establishing a good crop on their dust-blown areas.

Pamir and Passat to sail again

The four-masted barques Pamir and Passat, which were saved from the scrapheap at the eleventh hour and are now at Lubeck, will sail for South America next month.

They will be fitted with auxiliary engines and—for the first time—will carry engineers. All the senior members of the crew, some of whom are already on board, have had deep-sea sail training, and the ships are being fitted with extra bulkheads and wireless for greater safety.

The installation of engines in the Passat and Pamir will reduce their maximum speed (though it should also reduce the time spent on passage), as the drag of the propeller through the water will hold them back. In full sail, they carry as many as 33 or 34 sails, though only in a light, steady breeze on the quarter is this possible.

UNINVITED



The regular tenants of this henhouse are unlikely to return until Scottie decides to leave.

25 YEARS TO MAKE BAGPIPES

There is an old Highland tradition that a bagpiper must have seven generations of pipers in his family tree before he can be accounted a real expert. Even to the making of the bagpipes themselves there goes a period of from 20 to 25 years of preparation, declares Mr. Andrew Ross of a well-known Edinburgh firm of bagpipe makers.

First of all an expert has to select wood for the pipe drones and chanter. This is usually of African blackwood or ebony, and must be absolutely flawless to ensure a perfectly modulated tone. The wood is then cut roughly into logs of two or three hundredweight each, and these are left to mature for fifteen or twenty years.

At the end of that period the logs are split by hand, delicately fashioned and then drilled. Another seasoning period of five years follows, during which the drones and chanter are periodically examined for warping, and only then are they fitted to the instrument.

News From Everywhere

YOUTHFUL BARD

Mr. T. Glynne Davies, a 25-year-old Aberystwyth journalist, was crowned bard at the National Eisteddfod held at Llanrwst, his birthplace. One of the three youngest bards ever to gain the honour, he was awarded the crown for an ode in free metre on Ruins.

A crane specially designed for the mass construction of houses was recently shown at a fair in Hanover, Germany. It is claimed that it enables a two-storey house to be built in six days by eight men.

The record number of 85,421 full-time students were at universities and colleges in Britain in 1949-50. Just before the war the number was 50,002.

Cape Town University is to receive £8000 from the Smuts Birthday Fund for memorial scholarships for the study of South African flora.

Rare visitor

A bird rarely seen in Britain, a golden oriole, recently visited a garden in Beckenham, Kent.

A five-foot model boat controlled by radio recently made a five-mile trial trip from Fleetwood, Lancashire, to the Wyre Lighthouse. An attempt will be made next month to send the model boat across the Channel from France.

A house at Lackford, Suffolk, has had 132 swallows and martins nesting on its walls this year.

HIGH CHURCHMAN

To obtain money to restore his war-damaged church, Abbé Simon, of Saône, in the Department of Doubs, has been making the round of French fairs incognito and diving from 100 feet into small tanks.

A £10,000 lifeboat to be named after its donor has been presented to Padstow, Cornwall, by Mr. William Bassett-Green, a retired Cheltenham builder.

Written pledges to be kind to animals have been received by the Royal Society for the Prevention of Cruelty to Animals from 350,000 children. The children have been issued with badges bearing a reindeer's head.

More Scouts and Cubs

World membership of the Boy Scout movement has reached 5,160,147. Since 1949 Cubs have increased in numbers by 422,222.

The Card, by Arnold Bennett, is to be filmed at Pinewood studios. Alec Guinness, Valerie Hobson, and Glynis Johns will be in the cast.

Manningford Faith Jan Graceful, a British-owned Friesian cow, has set up a new world milk-yield record with 267,315 lbs. The previous record was held by an American Holstein cow.

Two submarines, Acheron and Auriga, are to be berthed in the Shadwell Basin, Stepney, from September 18 to 28, and the public will be allowed on board.

Visitors from Israel, Uganda, and many European countries have been attending a course on Britain Today, arranged by the British Council at Cardiff and Bangor.

Mr. S. W. Adams, lock-keeper at Rushey lock, near Farringdon, Berks, has won the Thames Conservancy prize for the best-kept garden on the river.

A WHOPPER

A diamond nearly three times as big as the famous Koh-in-noor has been found in South Africa. It weighs 511½ carats.

A late Bronze Age palace, the first of its kind discovered in Cyprus, has been uncovered by a British archaeological expedition.

The ruins of Hitler's home at Berchtesgaden, in the Bavarian Alps, are to be destroyed to prevent them becoming a national shrine.

A shipment of 8500 tons of gift wheat from Australia to India under the Colombo Plan will leave West Australian ports this month in the Atlantic City.

Amazon's Source Found

The young British explorers, John Brown and Sebastian Snow, claim to have located the source of the Amazon at Lake Ninococha, in the Central Peruvian Andes, at a height of just under 15,000 feet.



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The Children's Newspaper, August 25, 1951

U.S. SCHOOLS RUN RADIO STATIONS

Many universities and schools in America run their own broadcasting stations. One of them is the Wilson Junior High School, at Muncie, Indiana, which under its call sign WWHI operates from two studios. These rank as a regular department of the school and broadcast daily during term, from 10 to 11 a.m. and again from 7 to 8 p.m. An extensive listening public is claimed over a 25-mile radius.

The programmes broadcast include speech training and improvement, an explanation of the educational system, and the usual subjects of classroom instruction. Special local events are also broadcast from time to time, if necessary by breaking into the normal school schedule. Boys and girls from other schools in the vicinity are invited to participate in the programmes.

Pupils of the Wilson Junior High School raise money for the upkeep of the station by the sale of candy and ice-cream in the school canteen.

WHY WE WATCH TRAINS

Watching trains is one of the most popular of English pastimes. Usually it starts with small boys, armed with notebook and pencils, who collect engine names and numbers on almost every station. As they grow older—although train watchers are of all kinds—the keenest watchers among adults are clergymen, schoolmasters, and artists, and then organists and musicians. Women and girls, too, are lovers of trains, and there is at least one instance of marriage as a result of a shared passion for tank engines. It is strange, too, that electric and diesel trains are ignored by most railway fans.

Read Why We Watch Trains, one of many interesting articles and stories in **WORLD DIGEST**. On sale August 23, one and three-pence.



The Head Man

Mr. Harry Russell of West Norwood, London, was once a famous circus clown. Now he is 81 and spends his time making these grotesque papier-mâché heads used by clowns in circuses and carnivals.

BUDGERIGARS IN SCHOOL

The Yorkshire Budgerigar Society is trying to establish aviaries in many schools in the county to assist scholars in their nature studies. Many headmasters are said to be very impressed by the scheme, which is now under consideration by the education authorities.

The society has promised to present a budgerigar to any school interested, and many are taking advantage of the offer when the schools reopen next month. Many pupils are so keen that they are already constructing their own aviaries in readiness for the new "pupils."

Once the scheme is established it is intended to hold inter-school and inter-city shows. The children will thus have an additional incentive in caring for their new school pets.

FRIEND OF YOUTH

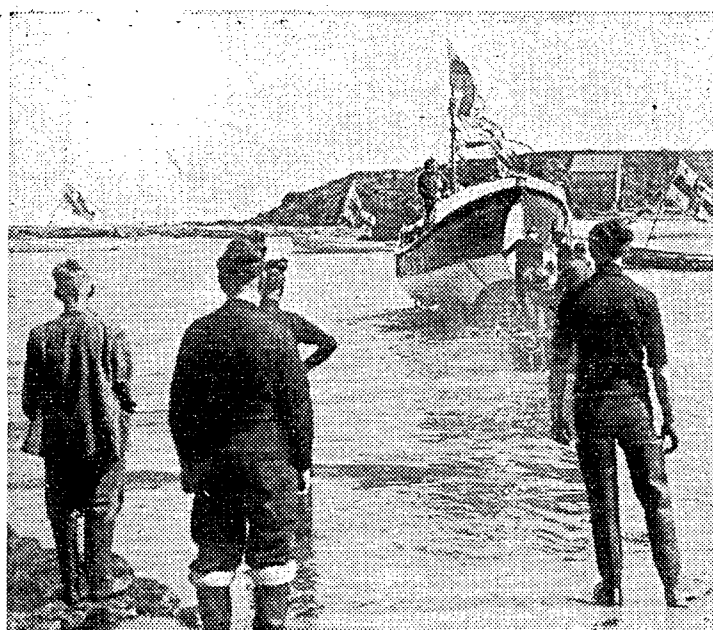
The Boys' Brigade have been honouring the memory of Henry Drummond, born in August 1851, a famous writer in his time, and one of the early supporters of their fine movement.

Henry Drummond was a Scotsman who in his lectures and writings strove to bridge what was then thought to be the gap between scientific ideas and religious teaching. His book *Natural Law in the Spiritual World* was immensely popular.

Today he is chiefly remembered for his good influence on the young men of his generation. In his numerous addresses he commended the work of the Boys' Brigade, and he was a close friend and supporter of its founder, Sir William Smith.

CLOSING THE GAP

Every ton of waste-paper saved means less pulp to import and a narrowing of the gap between imports and exports. Are you doing all you can to help close the gap? Waste-paper salvage is one way. Please do all you can to help!



On Northumbria's Shore

The new diesel lifeboat, Isaac and Mary Bolton, takes the water at Cullercoats, near Whitley Bay, Northumberland.

LONG-LOST PORTRAIT OF GEORGE WASHINGTON

A long-lost portrait of George Washington has been presented by Lord Buchan to Sulgrave Manor, the ancestral home of the Washingtons, in Northamptonshire. Its identity has been established after consultation with experts of the National Gallery of Scotland and the Frick Art Reference Library, New York.

Described simply as "A Naval Officer," the portrait had been housed for many years in Almondale House, Midlothian, home of Lord Buchan. It was commissioned by his forbear, David Steuart, eleventh Earl of Buchan, and was painted by Archibald Robertson in 1792, when Washington was 60; but it shows the president as a much younger man, in blue naval uniform with buff facings.

Among other gifts recently made to Sulgrave Manor are portions of Mrs. George Washington's wedding dress, and three silver spoons made by Paul Revere, the Revolutionary hero who fought in the War of Independence and made the famous ride described in one of Longfellow's poems.

HOSTEL FOR CANAL CHILDREN

One of the least satisfactory features of the British educational system has been the lack of educational facilities for the children of people who live and work on our canal-boats.

A scheme to remedy this has been worked out by the Birmingham education authority, and next month there will be opened at Wood End Hall, Erdington, a hostel where 29 boys and girls, the children of canal-boat workers, will be housed voluntarily while they attend day schools in the district.

The first residents at this experimental hostel will be between seven and ten years old. Their parents will be able to visit them when their boats are in the area, and during school holidays the children will rejoin their families. No charge will be made for accommodation in the hostel.

NEW SHIP FOR OCEAN SURVEY

For the first time ever, Chatham Naval Dockyard has built a pre-fabricated, welded ship. This is H.M.S. Vidal, a new 2000-ton survey ship which was launched there recently.

The Vidal will be completed in about 15 months, and will have many new features. To regulate the temperature special heat pump apparatus for air conditioning has already been installed. She will be equipped with a lithographic printing press so that the information she discovers can be immediately incorporated in new charts.

She also has a helicopter flight deck, and will carry aircraft for air survey photography and for ferrying the crew to and from the shore. Her three surveying motor-boats will be fitted with echo-sounders.

HOW OLD IS THAT TREE?

Probably everyone knows that the way to find the age of a tree is to count the annual rings across a section of the trunk.

This, of course, is when the tree has been cut down; but recently American foresters have been given a special boring tool which can be used to find the age of any tree while it is still standing.

A hole is bored in the trunk through the centre. The tool used is hollow, like a tube, and cuts out a thin, cylindrical section of the trunk from the outside to the centre. This can be removed and the number of rings counted.

Right to the top of the class!

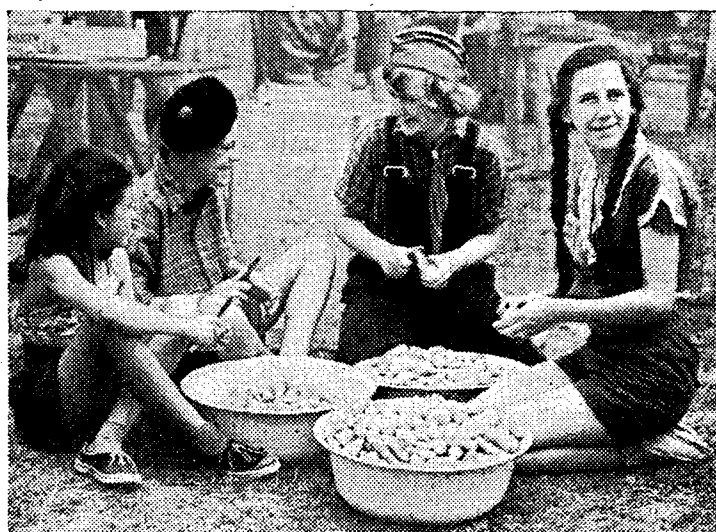


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Meeting of the Nations

Two Britons, a Danish girl, and a German girl, "get together" to peel vegetables at an international camp in Essex.

SCOTLAND'S OLDEST GAMES

It is the proud boast of Innerleithen that its famous St. Ronan's Border Games, held last Saturday, are the oldest games in Scotland.

It was a sporting company of gentlemen who, dressed in a stylish uniform consisting of a coat of Lincoln green, duck trousers, and a top hat, started the games in 1827. This fashionable club at the time had some celebrated members, including Sir Walter Scott, John G. Lockhart, his biographer, Blackwood, the famous publisher, James Hogg, the Ettrick shepherd poet, and Professor John Wilson, better known as Christopher North.

In his novel, St. Ronan's Well, Scott celebrates the legend which plays a large part in the Innerleithen festival. St. Ronan was a monk of the seventh century famed for his piety and for his ability to deal with the powers of darkness.

This power is symbolically represented by the good saint's crook or crozier with which, it was reputed, he "cleikit the de'il by the hint leg."

On August 17, during the "Nicht Afore the Morn" celebrations, the dux boy of the local school represents the patron saint and is invested with the Cleikum Crozier, the symbol of his office.

Then he heads a procession of attendant monks, staffs in hand and garbed in white gowns with red sashes, to the Runic Cross, where the Master of Lodge St. Ronan's addresses St. Ronan, has his hands laved in the healing waters of the spring, and a flock of pigeons is liberated by the patron saint. The solemn ritual concludes with a torchlight procession formed by the youth of the district, who escort the dux boy home.

On the following day an effigy of the de'il is borne aloft in procession to the games. In the evening St. Ronan, and his monks ascend nearby Caerlee Hill and solemnly consign the de'il's effigy to the flames of a great bonfire which can be seen for miles around, and then pipers head a final procession down the hill to the town.

NYLON FOR THE TYPEWRITER

Nylon, now being made on a large scale from petroleum products, is going into typewriter ribbons!

It is claimed that, besides lasting three times as long as normal ribbon, the nylon variety results in cleaner type, better carbons—and, if necessary, easier corrections.

Nylons for typists; nylon for typewriters!

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Models that boys dream of

How do actors fill in the time if they have a long wait before their next cue? Most of them, doubtless, read, write letters, talk to others behind the scenes; but one, at least, Mr. Peter Cozens, makes models. During the second act of *The Perfect Woman* he made an excellent model, radio-controlled, of the Queen Elizabeth, and it will be on view till September 1 at The Model Engineer Exhibition at the New Horticultural Hall, London.

This exhibition will interest all model-fanciers, young and old. Here for the first time will be seen racing by authentic scale model cars on a detailed track with right and left-hand bends, a hair-pin, and climbing and descending turns. The little cars themselves are scale models, about a foot long, of Grand Prix types: B.R.M., Ferrari, Alfa Romeo, Maserati, Lago Talbot, and Delage. Each has an internal combustion engine.

RADIO-CONTROLLED CRUISER

Models become more and more complicated and efficient every year. One of them, a boy's dream birthday present, is a radio-controlled cruiser, which will be demonstrated in the tank at the exhibition. It is powered by steam turbines, can fire shells, make signals from its mast, and lay a smoke screen.

Like the racing cars, this cruiser was made by professionals, but there is work by amateurs which shows equal ingenuity. Another model ship, for example, is controlled by submarine sound transmission, in the manner of the R.A.F. "boogie-woogie" boat, which is operated by musical sounds.

A novel blending of past and present is the radio-control of model sailing boats. In the tank there will also be speed-boats which the public can steer by wireless.

Another ingenious model is a four-foot-long Churchill tank which, under radio control, can be used for 16 different operations.

LOOK OUT FOR THIS ECLIPSE OF THE SUN

By the CN Astronomer

A PARTIAL eclipse of the Sun may be witnessed on Saturday, September 1, when about one-sixth of the Sun's disc will be hidden by the Moon.

The eclipse begins at 12.20 (Summer Time), and soon after a small dent may be seen in the lower right side of the Sun, as A to B in the diagram. During the next forty minutes this tiny dent will increase as the Moon travels to the left and hides more and more of the Sun. The middle of the eclipse will occur soon after 1 o'clock, when the greatest extent of the Sun's disc will be hidden.

The area hidden will be small, however, and will be slightly less as seen from the northern areas of Britain. The eclipse will end at 1.53 p.m., as the Moon continues her path to the east. She will appear two days later as a very slender crescent in the western sky.

Though this eclipse is, for us, of such short duration and small extent, it is otherwise in more southern lands, where it is of great extent, and where, along its central line of greatest extent, it produces the spectacular *Annular Eclipse*. On this occasion the central line crosses part of the eastern United States, the mid-Atlantic Ocean, Central Africa, and Madagascar.

THIN RING OF LIGHT

Being an Annular Eclipse, the Sun will nowhere be entirely obscured, as he is in Total Eclipses. Instead, at the time of his central and greatest eclipse, the Sun will appear as a very thin ring of light of intense brilliance which will last for about 2½ minutes while the Moon passes centrally in front of his face. The period will be shorter in the areas a little to the north or south of the central line.

This strange spectacle, which takes the place of a total eclipse, is due to the Moon being near *Apogee* (that is at her greatest distance from the Earth), when she

appears so much smaller than usual that her disc is not large enough completely to cover the Sun as she passes in front. On this occasion the apparent diameter of the Sun will be 31.7 minutes of arc, whereas the Moon's will be only 30.4.

The difference produces the thin ring of light which, however, is so intensely radiant that it appears to the eye much thicker than it is. If this eclipse had taken place about August 15 when the Moon was near *Perigee*, that is the nearest point of her orbit to the Earth, and only some 225,000 miles

away, she would have had an apparent diameter greater than that of the Sun; then a total eclipse lasting several minutes would have resulted.

As it is, the Moon will be nearly 248,000 miles distant from us, resulting, of course, in her appearing smaller. Thus we see that the Moon apparently "expands" and "contracts" once every month, and this makes all the difference to the character of the eclipse.

In viewing the eclipse it is of the greatest importance not to look direct at the Sun, not even for a momentary glance, for nothing would be seen then, owing to the intense radiation, and serious damage to the eyes might result. The best method is to look through smoked or deeply-tinted glass, the dense portions of a photographic negative, or reflection in still water.

G. F. M.

OLD MOORE'S BIRTHDAY

An anniversary which ought not to be allowed to pass unnoticed in this Festival year is the 250th birthday of Old Moore's Almanac, an annual publication purporting to foretell the major events of the year—including floods, famine, earthquakes, and wars. In former times the Almanac appealed to the credulous, but today it is a miscellany of fact and fancy.

First published in 1701, the original manuscript is now in the possession of the Worshipful Company of Stationers and Newspaper Makers, the statutory body which until the year 1771 possessed the sole right to print almanacs.

This interesting relic can be now seen with other manuscripts, plate, and portraits at Stationers' Hall, London, where an exhibition sponsored by the Company is open until August 31.

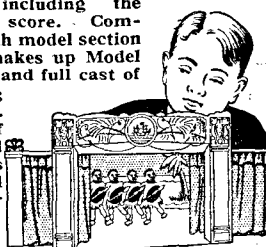
Another monopoly once possessed by the Stationers' Company was the copyright of all books printed in England. Registers of these publications were kept from 1554 onwards, and each book carried the notice "Entered at Stationers' Hall." When in 1911 this privilege was taken away by Act of Parliament books were no longer "entered," but the registers in which are listed some of the most outstanding works in English literature remain for all who visit the exhibition to see.

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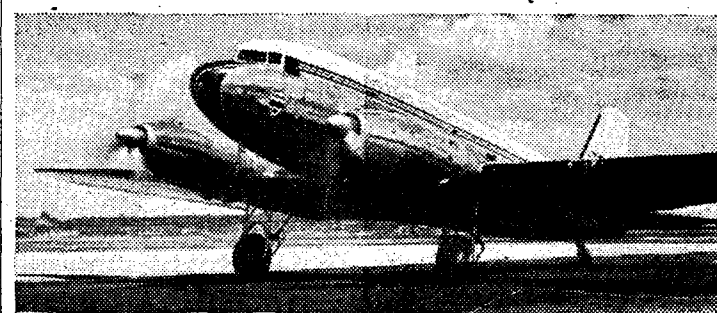


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NEW PLANES FOR THE WORLD'S AIRWAYS



21. The Dart-Dakota

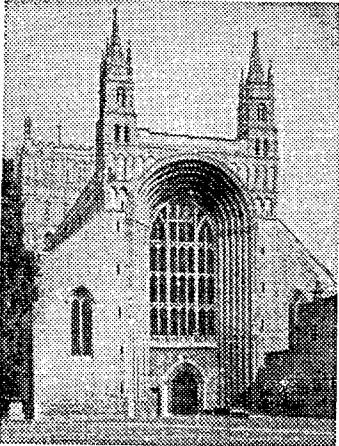
Nearly twenty years have elapsed since this indomitable "work horse of the air" became the world's first modern airliner. Today the Dart-Dakota, a standard model adapted to the requirements of British European Airways, is the world's first jet freighter to go into regular service.

Its powerful Rolls-Royce Dart RDa3 propeller-turbines, each delivering 1420 h.p. plus 295 lbs. of jet thrust, are identical with those fitted to the Viscount airliner.

These units, in their long, tightly-cowled nacelles, further enhance the Dakota's good looks, besides boosting the cruising speed up to 280 m.p.h., and making it one of the fastest aircraft to fly on domestic services in Europe.

The first (appropriately named after the famous pioneer aero-engine designer, Sir Henry Royce) is operating on the London-Buckingham service, and will soon be joined by a sister aircraft.

Span of the Dakota is 95 feet, and its length is 64 feet 6 inches.



West front of the Abbey

IN the rich valley between the Cotswolds and the Malvern Hills, the Warwickshire Avon, running down from Stratford, joins the Severn; and close to the meeting of these two rivers stands Tewkesbury Town.

Just above it the Avon splits into two, one branch reaching the Severn above a big weir (the tidal limit) and the other branch below it, thus forming a triangular island. This island is called the Severn Ham and is a magnificent meadow of 167 acres. The town is built along the north-east edge of the Ham, with the river like a boundary line betwixt houses and grass, and takes the shape of a "Y." The upright of the Y is Church Street and the two arms are High Street and Barton Street. They meet at the War Memorial, where the Town Cross once stood.

A feature of the town you notice at once is the number of little low passages leading off the main streets — Lilley's Alley, Hayes Court, Aurora Passage, and so on. From the bustle and business of the highway, often cluttered with coaches, the Tewkesbury folk, in a trice, can turn into one of these bolt-holes and disappear into quiet and privacy—and almost into another century.

Another curious name for a thoroughfare I noticed was Back of Mount Pleasant. But one of the best things I saw in the town was the way in which the view down Barton Street dissolved quite suddenly into brilliant countryside, green under a blue summer sky.

The authorities take good care of the old houses, which are

ROUND THE TOWNS—Alan Ivimey visits . . .

TEWKESBURY

among Tewkesbury's main assets, and also strive to keep them fit for modern habitation.

TEWKESBURY is a market town of about 5000 people. Some hundreds of them find work at the Royal Army Ordnance Corps depot at Ashchurch, a little way out, and there is some light engineering, flour-milling, and boatbuilding. There is also eel-fishing.

River traffic still comes up to the town from Gloucester and big motor barges go past on the Severn to and from Worcester. I watched one from the Mythe Bridge, Telford's iron bridge over the big river about a mile out of the town. She was the Severn Industry, painted black and red

There still remain in this lovely land of ours towns and villages that retain their character as sturdily today as when our forefathers built them. They may have changed to keep pace with the passing years, but though the surface may be varied, the current flows beneath as strongly as of old.

Her Majesty the Queen

with a bright blue hatch-combing and green canvas cover, and a black and yellow funnel. She was making for the lock to by-pass the big weir off the end of the Ham.

But the great business of Tewkesbury is catering for visitors. Indeed this has always been its business. For centuries, and until the railways came, it supplied the boatmen and travellers coming up and down the Severn, then one of the most important highways in England. For centuries, too, the great abbey attracted thousands of guests every year, as all big monasteries did.

NOWADAYS the abbey and the half-timbered and Georgian houses, the lovely site in the Severn Valley, the boating and the fishing, attract tourists by the tens of thousand each season. The town is on the direct route from

Birmingham to Weston, for instance, and coaches make it their business to pass through from all parts.

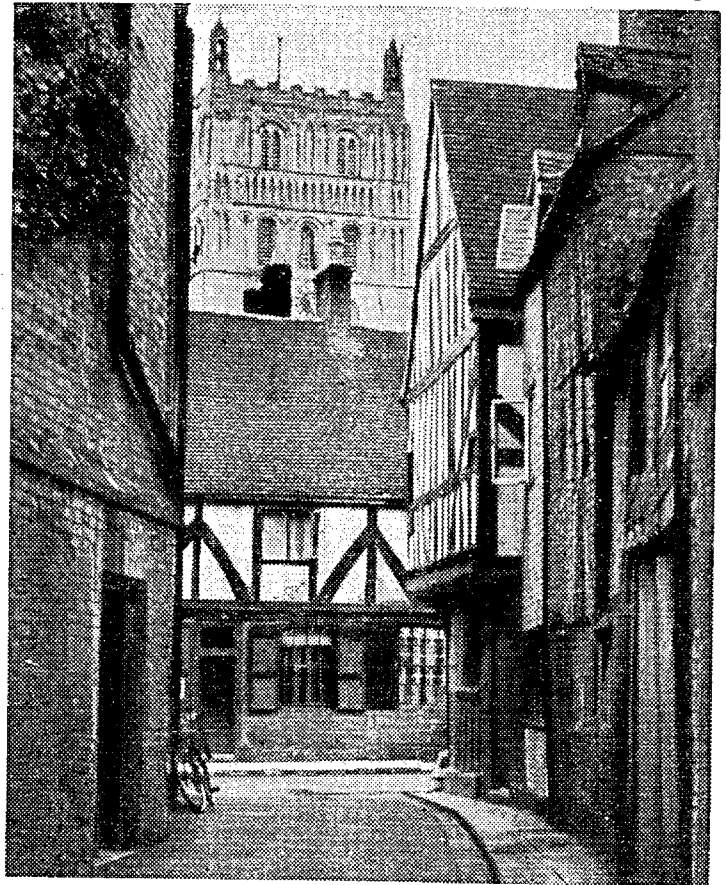
There are half a dozen old inns. One of them displays a quotation from *Pickwick*. Another, which probably started life as a guest house for the abbey, announces that it is the house described in the famous Victorian novel, *John Halifax, Gentleman*, but that nevertheless it has hot and cold water in all bedrooms. (Tewkesbury is the Nortonbury of the novel.)

Just across the road is the soft green turf of the abbey churchyard, and then the walls and arches and the great tower of one of the architectural gems of this land. It is the last resting-place of many famous folk, from the Duke of Clarence, celebrated for the way he was drowned, to Prince Edward, only son of Henry VI, slain at the terrible battle fought just outside the town between Yorkists and Lancastrians in 1471.

Incredible in Tewkesbury now seems the story of that day, ending with scores of fleeing soldiers rushing into the abbey to invoke a sanctuary their enemies refused to recognise, and the final scenes at the town cross when the Red Rose leaders were beheaded, one by one, by their political opponents.

PERHAPS the loveliest part of Tewkesbury Abbey that I saw was a bank of white and mauve blossom planted where part of the cloisters used to be. It was a reminder of the devotion and care which the abbey seems always to have inspired. Nowadays The Friends of Tewkesbury Abbey help to maintain this national treasure. But even four centuries ago the townsfolk showed their love for the building by purchasing it from Henry VIII, who had calmly confiscated it, and so saved it from being torn down and sold for old stone.

Tewkesbury has had no less than eight royal charters confirming its ancient right, and one of the most important of them is in the Ham. The Town Council is the control-



A glimpse of the Abbey from one of the byways

ling authority and from February to August sees to the hay crop and sells it. From August to February the Council acts on behalf of the Tewkesbury Commons rights and lets the land for grazing. It is divided into plots by small ridges and, in former times, all householders in the three oldest streets had a right to graze beasts there. Nowadays most of them do not own cattle, so the proceeds from the grazing are divided between them at the end of the season. The Ham is flooded every winter and the river mud which thus covers it brings unfailing fertility.

This huge field is a good place from which to look at the town. You see a ragged red brick and tile skyline with the mellow stone of the abbey at one end and a big cream-coloured boathouse at the other. And the Ham itself, the evening I saw it, was a real Gloucestershire green.

When you turn round, your view over the Severn Valley ends far off at the sudden range of the Malvern Hills, standing up like an island in a green sea.

IN October Tewkesbury throws care to the winds for the Mop Fair, and lines its streets with roundabouts, helter-skelters, and

side-shows. Traffic is diverted and Tewkesbury folk show the world how to enjoy life on a holiday. At one time this was a great hiring fair for carters, wagoners, shepherds, and so on. That side of things lapsed years ago, but the merrymaking still goes on.

So people come here from all over the world to walk the old benign streets, to enjoy the hospitality of the inns, to take steamer trips up the Avon, or to fish. For I am sure one ought to add "the contemplative man's recreation," as Isaak Walton called it, to the attractions of Tewkesbury.

It all amounts to something I found modestly commemorated in the High Street. Through the wooden bars of a high gate I could see a small garden, with a flagged path and flowerbeds, at the side of a splendid Tudor house. And over the arch above the gate, in unassuming letters, was something carved. I read it and it went thus:

Where Antiquity walks hand in hand with Time and still retains its Dignity, there is Peace.

No wonder that thousands come here from the world over. For peace is indeed beyond price in these our days!



The corner by the old stone bridge across the River Avon



Gracious buildings of a bygone age

Children's Newspaper

John Carpenter House
Whitefriars · London · EC4

AUGUST 25 1951

THE PATH TO PEACE

THE world's greatest need today is a period of peace and stability. Towards that end most of the nations are working with a sincerity that cannot be challenged. But there are, unhappily, some nations which, while openly advocating peace, are pursuing a line of conduct directly opposed to it.

This position has too long been an obstacle to peace, as the World Council of Churches emphasised at its recent meeting at Rolle, Switzerland:

Peace is not a magic condition which can be conjured up by a stroke of the pen. The present acute international tension has lasted too long, and is too complex in origin, to admit of a quick termination, or a simple solution. Nor are they true friends of peace who, while crying out for peace, create strife and so intensify division.

The World Council of Churches counsels its members that the right path to follow at the present time is to pray for God's guidance of all nations and statesmen, and to continue to work for and support every effort for the prevention of war.

JUST AN IDEA

As Webster wrote: Whatever makes men good Christians makes them good citizens.



Under the Editor's Table

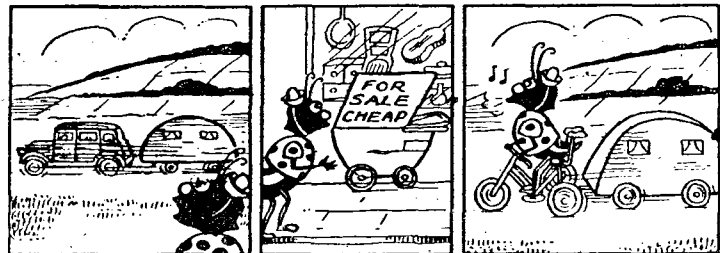
PETER PUCK
WANTS TO
KNOW

If unsuccessful
Channel swimmers
ever get over it

A display of new fashions made a buyer catch his breath. And miss his train?

A man going to the Fiji Islands has been trying to buy a pair of mosquito boots. Doubt if he could find any small enough.

BILLY BEETLE



SCIENCE AND MANKIND

OF what use is Science if man does not survive? The question was asked by the Duke of Edinburgh in his presidential address to members of the British Association meeting in Edinburgh.

Taking as the theme of his address "The British contribution to science and technology in the past 100 years"—drafted, it was revealed, while the Duke was in command of H.M.S. Magpie in the Mediterranean—he declared that Science had reached a point when we could either set the world free from drudgery, fear, hunger, and pestilence, or obliterate life itself.

This is the third occasion on which a member of the Royal Family has filled the office of President. The other two Royal Presidents were the Duke's great-grandfather, the Prince Consort, in 1859, and the Duke of Windsor (then Prince of Wales) in 1926.

There is quite a likeness

THE affinity between sausages and bananas may have escaped our notice, but not that of a certain observant Japanese schoolboy. In an essay quoted by the Illustrated Weekly of India this lad wrote:

"The banana are a great and remarkable fruit. He are constructed in the same architectural style as the honourable sausages. Difference being, skin of sausages are habitually consumed, while it is not advisable to eat rapping of banana.

"Banana are strictly member of vagitable kingdom. Affiliation of sausage is often undecided."

The grammar and spelling may need a little re-touching, but no one could dispute the accuracy of the remarks—particularly the last one.

The coal industry should be above politics. Yet it is a deep subject.

A man who has done much flying says he enjoys eating in the air. As good as drinking in the scenery.

Among railway lost property auctioned at Salford were 144 steak and kidney puddings. The auctioneer put up the fare.

The time is ripe for bottling fruit. So is fruit.

The Editor's Table

Hullo, England!

AFTER a lengthy journey in the Antarctic, the Falkland Isles Dependencies survey vessel John Biscoe recently arrived at Southampton with several rare birds on board, including a blue hawk, seven sheathbills, a pair of young Kelp geese, and two flightless steamer ducks. The geese and ducks are for the Severn Wild Fowl Trust.

The most thrilled passenger aboard was the lad in this picture



—13-year-old Ernest Spencer. He is the son of the chief lighthouse keeper at Cape Pembroke, in the Falkland Islands, and he has won a Government scholarship to a Manchester school.

THE SAVING SMITHS

SMITH is still the commonest name in Britain. The latest report of the Savings Certificate Division of the Post Office Savings Department shows that among the 18 million certificate holders there are as many as 336,000 Smiths.

With 324,000 representatives the Joneses are second, followed by 267,000 with the name of Williams. Well saved, the Smiths, the Joneses, and the Williamses!

Easy live and quiet die

Look not thou on beauty's charming;
Sit thou still when kings are arming;
Taste not when the wine-cup glistens;
Speak not when the people listens;
Stop thine ear against the singer;
From the red gold keep thy finger;
Vacant heart and hand and eye,
Easy live and quiet die.

Walter Scott

YE ARTE OF FOOTBALL

Football is a usefull Charming Exercise. It is a Leather Ball about as Big as One's Head, fill'd with Wind. This is kick'd about from one to t'uther in Streets by Him or Her that cann gette it. And thet is all the Arte of it.

From Henri Misson's
Travels in England, 1719

... AND OF CRICKET

A sport at which the contenders drive a ball in opposition to each other.

Dr. Johnson's Dictionary

HOW HISTORY SHOULD BE TAUGHT

By the Director-General of Unesco

HISTORY is first and foremost a living bond linking a society with its own past, and the historian with the men and women of a bygone age. It is a kind of human dialogue, or school of humanity, too warm to become fixed and hardened, dogmatically imposing a cut and dried version of the past upon the rising generations.

It is not surprising that history can so easily be turned into a school for narrow nationalism, hatred, and lack of understanding. History, like man himself, is born in a certain environment and is the creature of circumstance. Whoever reconstructs history must see it in a certain perspective, and we can hardly conceive history as something that could not be viewed, as it were, from the outside.

The teaching of history should deal with the life of any particular nation only in the context of the evolution of mankind as a whole; the people of other nations should be regarded, not as enemies or inferiors, but "as brothers and equals."

Reading in the dark

A PARIS publisher has begun to print books with luminous type on black paper, and claims that they can be read with perfect ease in pitch darkness.

It sounds like an idea designed to take the sting out of fuel cuts.

Fair as a star

She dwelt among the untrodden ways

Beside the springs of Dove,
A Maid whom there were none to praise

And very few to love:

A violet by a mossy stone half hidden from the eye!

Fair as a star, when only one
Is shining in the sky.

She lived unknown, and few could know

When Lucy ceased to be;
But she is in her grave, and oh,
The difference to me!

William Wordsworth



OUR HOMELAND

Ashness Bridge, with Derwentwater and Skiddaw in the background

THINGS SAID

I THINK you are lucky to have responsibility put upon you so early in life. It is the badge of manhood. Princess Elizabeth to R.A.F. cadets

REARMAMENT is our immediate task that we may negotiate peace from strength. Other problems will succeed it—man is never without them. But if we stand and work together we can solve them all.

Mr. Anthony Eden

GRANDMOTHERS of today are bright and attractive people who enjoy all modern entertainments and often look younger than their daughters.

Vicar of Paddington

As a schoolmaster I thought I worked hard. When I was made a bishop I thought how lazy schoolmasters were. But it was only when I became Archbishop of Canterbury that I realised how lazy bishops really were.

Dr. Fisher

YOUNG couples should be allowed to buy all they need for their new home free of purchase tax on production of a certificate that they have put up the banns. Vicar of St. Gabriel's, Cricklewood

IN THE COUNTRY

As August serenely pursues its course the countryside is appreciated by holidaymakers. Now comes a mellowness, a serenity, as though Nature is resting, having achieved her task and brought springtime's promise to fulfilment.

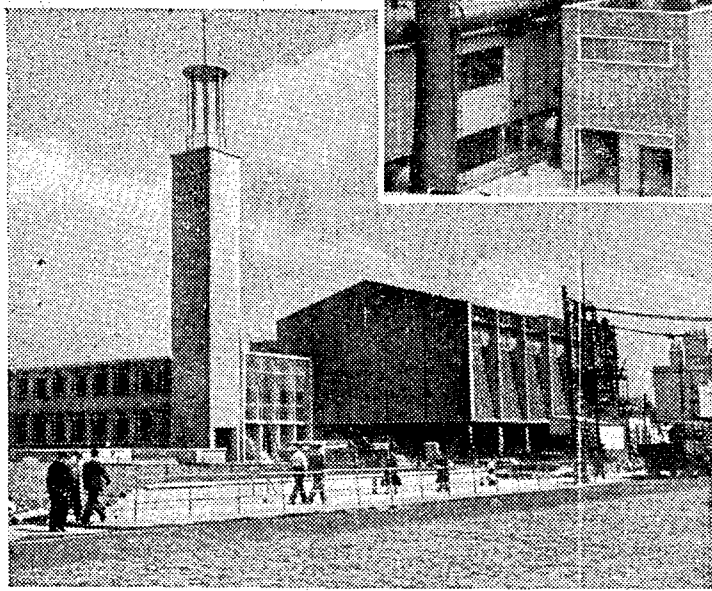
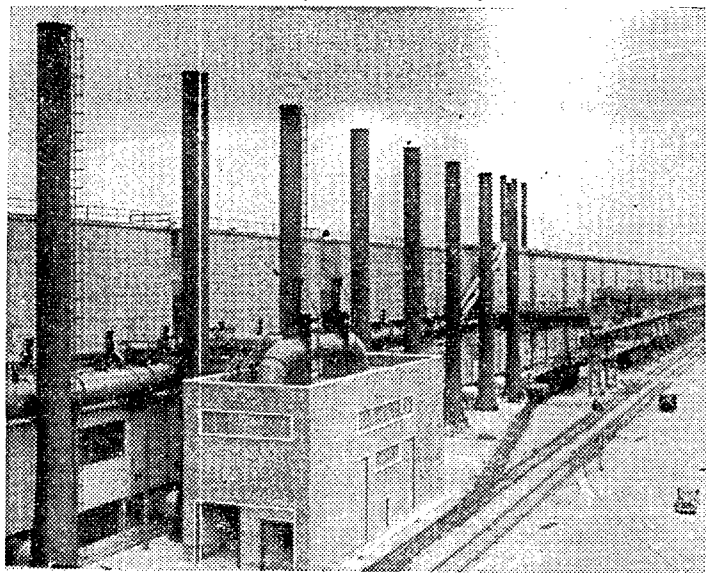
In the orchards there is an "apple-sweet" fragrance of blushing pippins which will soon be ripe for gathering. In hedgerows the wild clematis or Traveller's Joy spreads its creamy clusters of scented blossom over bush and brake; this plant received its happy name from John Gerard, the Elizabethan herbalist, who wrote: "It is commonly called Viorna, of decking and adorning ways and hedges where people travel; and thereupon I have named it the Traveller's Joy."

In these late August days the warm sunshine gleams softly on the thistle-grown sides of the lane, where linnets are feeding on the seeds. Everywhere can be heard the soft pippings, twitterings, and flutter of wings which proclaim that it is also holiday-time in birdland.

New shapes on Britain's skyline

On the right is the new steel-rolling mill at Margam, which is part of a £60,000,000 project to expand the sheet metal and tin-plate industries in South Wales.

Below is the Trinity Congregational Church at Poplar, East London, where a large bomb-damaged area is being rebuilt as a planned new town



MUSIC AT THE EDINBURGH FESTIVAL

Youth is playing an important part in this year's Edinburgh International Festival of Music and Drama, which opened on August 19 and continues until September 8. For here music lovers can enjoy concerts by the National Youth Orchestra of Great Britain, founded in 1948, which has been winning high praise in different parts of the country under such eminent conductors as Sir Adrian Boult and Walter Susskind.

Among other orchestras taking part are the Philharmonic-Symphony Orchestra of New York under Bruno Walter and Dimitri Mitropoulos, the Hallé Orchestra under Sir John Barbirolli, London Philharmonic Orchestra under Sir Adrian Boult, and the Scottish National Orchestra under Walter Susskind. It is the first visit of the famous New York orchestra to Europe for 20 years, and the instruments of its 104 performers

have been insured for a million dollars.

For opera and ballet lovers there is the Glyndebourne Opera Company, the Yugoslav National Ballet, and the Sadler's Wells Ballet with Margot Fonteyn and Moira Shearer. Drama is represented by Shakespeare's Winter's Tale, in which appear John Gielgud and Diana Wynyard, G. B. Shaw's Pygmalion with Margaret Lockwood, and the revival of a 16th century morality play by the Scottish writer, Sir David Lindsay of the Mount.

The most popular feature of the Festival from the children's point of view will probably be Walt Disney's Beaver Valley, of which we read on this page. Running this a close second in interest will be the Miles Lee Puppet Theatre presenting A Tale of Tails, based on the ancient fable of the town and country mouse.

LEAD NOT HEAVY ENOUGH

The Douglas aircraft, which recently flew at speeds in excess of 1000 miles per hour, has an extremely thin wing section in order to reduce drag as much as possible at super-sonic speeds.

Because the wing is so thin it set the designers a difficult problem. The ailerons had to be balanced to prevent "flutter" developing, and also to make it easier for the pilot to move the controls. But it was no good using lead, the usual material for balance weights, because in the space available a lead weight would not have been heavy enough. Finally the designers had to use a special tungsten alloy,

which is denser than lead, and also quite valuable.

Another interesting feature of the aircraft is that it is built to strength factors some sixty per cent higher than previous high-speed fighters or bombers. It is designed to stand strains up to eighteen times the force of gravity, which is several times greater than the acceleration a trained pilot could stand without blacking out.

In an emergency the entire cockpit and nose can be jettisoned by explosion, to fall free of the rest of the aircraft. At a safe height the pilot can then escape by parachute.

This ferryboat nearly flies

A new 80-passenger, 57 foot-long ferryboat, now operating in Swedish waters, is designed on a new principle.

The vessel has three engines, one of 600 horse-power driving the main propeller, and two smaller engines, each of 60 horse-power, driving smaller screws. Large aerofoil surfaces or "wings" are mounted beneath the bows of the vessel, with a similar, semi-circular "bear-plane" under the stern.

For normal cruising up to six knots the craft runs on the two smaller engines. To increase speed the third engine is brought into use, when the increasing water pressure on the submerged "wings" lifts the whole hull clear of the surface until the vessel is simply skimming over the top of the water.

In this attitude the two smaller propellers are clear of the water, so the 60 h.p. engines are stopped. The larger engine gives the craft a top speed of 35 knots.

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CYCLE SERVICE

22. Stripping and re-enamelling

You can improve the appearance of an old frame by a new coat of enamel—and keep out the rust.

First, strip the old enamel. You can buy a special preparation for this, or you can use sandpaper.

Then prepare the frame for enamelling in a dust-free room. Hang it clear of the floor.

Wipe the frame clean with a petrol-soaked rag. Fill in any dents with special preparation or solder. Smooth off with sandpaper, and apply a primer.

When dry, apply the first coat of enamel. Use the best enamel—a cheap one dries too quickly. Leave the enamel to dry thoroughly, and then smooth down with fine sandpaper, and a scourer.

Repeat the operation twice—three coats of enamel in all. Finally, elbow grease plus a car wax polish will make your re-enamelled frame shine. V. S.

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THRILLS IN THE AIR AND WONDER IN THE VALLEY

By Eric Gillett, the C N Film Correspondent

THE policy of introducing American stars into British films is not always successful, but there is a triumphant justification for it in No Highway, based on Nevil Shute's well-known novel and filmed in a British studio.

Theodore Honey (James Stewart) is an American research worker in the Royal Aircraft Establishment. He is a widower with a young daughter, Elspeth (Janette Scott), and he is very absent-minded and untidy.

Honey is conducting an elaborate experiment designed to prove that the tailplane of a Reindeer, a type of airliner flying the Atlantic passenger service, will fall to pieces after about 1400 hours of flight. Only a few months earlier a Reindeer had crashed in Labrador, and the tailplane had not been found.

It is decided that Honey shall go to Labrador to investigate the causes of the crash. He flies the Atlantic in a Reindeer, and, half way across, discovers that it has been flown for nearly 1400 hours. The airliner may fall at any moment.

This is the theme of one of the best and most exciting British films ever made. James Stewart, an excellent actor, gives one of the finest performances of his career as the honest, bewildered, impetuous Honey, who finds himself in an almost intolerable position and gets himself out of it by an impulsive action. It is a most endearing portrait.

Marlene Dietrich and Glynis Johns are very good in the two chief women's parts, and Janette Scott gives a most sensitive interpretation of Elspeth.

Nevil Shute always tells a good story. No Highway has the advantage of a gripping theme, first-rate acting, a good script, and effective photography. It will thrill and amaze millions of people.

Henry Koster, the director, and Louis D. Lighton, the producer, may be congratulated on the most vivid British film seen since The Blue Lamp.

WALT DISNEY'S 32-minute Technicolor documentary, Beaver Valley, is as good as anything that



James Stewart in No Highway

he has ever done. It is the most satisfying nature film I have ever seen. Its hero is a real-life beaver, for this is not a cartoon.

It takes as its subject the wild life in a North American valley, somewhere near the Canadian border. Otters skid about like embodied lightning. Ducks have flying lessons. A coyote prowls in search of prey, and all the time the beaver works at his dam.

The highlight of the film is its astonishing portrayal of a huge bear standing by the side of a

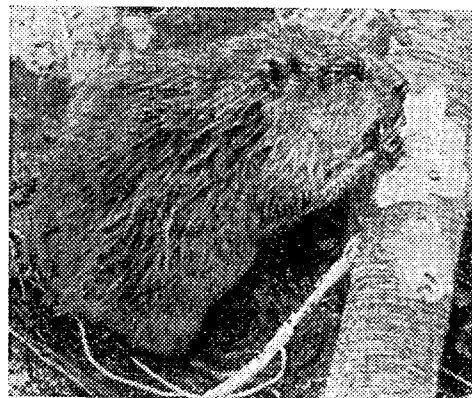
salmon-leap and catching and eating the fish as they jump up the cascade. The concluding sequence, with the birds and animals making their noises to a musical accompaniment, is a remarkable piece of studio ingenuity.

Whatever audiences may feel about Disney's Alice in Wonderland, there is no doubt that they will acclaim Beaver Valley. It is an aston-

ishing and beautiful nature film, and the spoken commentary is just right—clever but restrained.

COLUMBIA PICTURES have just won the Academy Award for the best cartoon short of the year with their Gerald McBoing-Boing. Its director, Robert Cannon, now takes his place among the cartoon-makers who count.

Little Gerald McCloy was a strange boy. He could not talk at all, but he could utter any of radio's sound effects. At first he was scorned by his playmates, but they came rushing round him for his autograph when a radio company gave him a contract and he had a television programme of his own. An original and altogether delightful "short."



Above, the Busy Beaver and, below, Mr. Owl of Beaver Valley



LEARNING ABOUT ELIZABETHANS

Stratford-on-Avon is to have its own Shakespeare Institute where post-graduate research work in Elizabethan life and literature can be undertaken by students of Birmingham University who are candidates for the higher degrees.

Work at the institute will begin next session with a separate staff of teaching Fellows. This extension of a policy of promoting Shakespearean and related Elizabethan studies, which has been encouraged by the Birmingham University authorities in recent years, has been made possible by the leasing of Mason Croft to the university.

Mason Croft, hitherto the British Council headquarters in Stratford, is to become the Shakespeare Institute, and the British Council in its turn will on November 1 move to Hall's Croft, recently acquired by the Shakespeare Birthplace Trustees. Between the two bodies there will be complete co-operation, and part of Hall's Croft will still be used as a festival club, providing reading, writing, and refreshment facilities for students.

The British Council's educational courses will be continued at Mason Croft in conjunction with the Shakespeare Institute of Birmingham University and the Shakespeare Memorial Theatre.

ROOM FOR ALL IN BRAZIL!

There is enough room in Brazil for all the people in the world to live, and to have as much average space as the people of England and Wales. This is one of the facts brought to light by last year's census figures, recently published.

Brazil has 52,645,479 inhabitants spread out over a total area of 3,288,050 square miles. To have the same density of population as England and Wales (750 to the square mile) she would need nearly 2500 million inhabitants!

The mysteries of the unexplored Polar regions fired the imagination of Roald Amundsen. A courageous man of the sea, he was patient enough to face years of preparation and study.



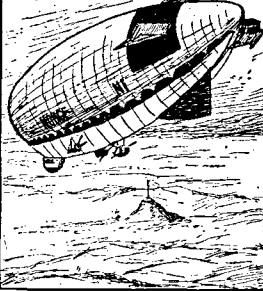
Pioneers 57. ROALD AMUNDSEN, navigator and explorer

At length, in 1911, having attended to every detail, Amundsen arrived in the ship Fram to winter off the Southern Polar ice cap. (In the Southern hemisphere winter corresponds to our Summer period.)



Amundsen's final dash was an epic of skill and endurance which earned him world renown. He placed the Norwegian flag at the South Pole on December 16, 1911, beating our own Captain Scott by barely a month.

Amundsen continued his Polar explorations, and among other noteworthy enterprises flew across the North Pole in an airship in 1926. He perished in 1928 attempting to rescue another Arctic explorer.



THE CITY OF CARS IS 250 YEARS OLD

The great industrial city of Detroit, Michigan, famous all over the world as the hub of the American motor-car industry, is this year celebrating its 250th anniversary.

Though it was as long ago as 1640 that the first white men, the Jesuit Fathers Chaumonot and Brebeuf, visited this part of North America to preach to the Red Indians, it was not until 1701 that white men first settled there.

Having realised that the site of what is now Detroit was a suitable outpost for the fur trade, Antoine de la Mothe Cadillac, with the approval of the French Government, arrived here on July 24 in the year 1701. With him was a party of 100, and they proceeded to build a wooden fort, which they named Fort Pontchartrain, after the French Colonial Minister of the time.

Having successfully overcome many difficulties with rival traders and quarrelsome Indians, Cadillac left the fort in 1710 to become governor of Louisiana; but his memory is still honoured in Detroit, and one of the finest makes of car bears his name.

French settlers continued to arrive at the fort until 1760, when it was captured by the English. They held it in turn against French, Indians, and Americans

until after the American War of Independence when, as late as 1796, it was surrendered to the United States.

One of the most thrilling sieges in its story was by Pontiac, Chief of the Ottawa Indians, and lasted five months. The struggle between the Indians and white men continued until after the death of Chief Tecumseh, who was killed at the Battle of Thormes in 1813.

Realising that it was useless to continue the struggle, the Indians made peace and were settled upon reservations in various parts of the U.S.A.

In 1802 the Americans renamed

FESTIVAL WAY

A class of children in the village primary school of St. John's, Woking, decided to compile a local history as their contribution to Festival year, and while they were preparing a scale map of the district they re-discovered a footpath 1951 feet long.

A letter was sent on behalf of the class to the local council asking if the path could be re-named Festival Way. Permission was granted and a local firm presented stone markers bearing a suitable inscription, which were unveiled by the council chairman.

the little town Detroit, after the river, or strait, on which it stands. They also recognised it as the capital of Michigan until 1847, when the distinction was conferred on Lansing.

By that time Detroit had begun to grow rapidly, and it has never looked back. Today it covers 142 square miles, and, with its 26-mile-long river front as the base of a huge semi-circle, it is laid out on a magnificent plan, with wide avenues radiating from parks big and small. Many consider its waterfront of skyscrapers second only to that of New York.

Detroit is the third largest manufacturing city in America, with a population of 1,870,000. It can justify its claim to be the motor capital of the world, for General Motors, the Ford Company, Chrysler, and Kaiser Frazer all have their major plants here. Some half a million factory workers produce over five million motor vehicles annually.

Next in importance come the machinery, metal, and chemical industries, and also shipbuilding, for Detroit is one of the busiest ports on the Great Lakes. In volume of tonnage the Detroit River, which divides it from the Canadian city of Windsor, is the greatest inland waterway in the world.

SCHOOL'S SCHOONER SAILS AGAIN

The auxiliary schooner Prince Louis, whose fate hung in the balance last winter, recently arrived at Hamburg on a good will visit. With 13 British and four German boys on board, she was received by representatives of the Hamburg Senate and of the Anglo-German Club.

Built in Germany 70 years ago, and originally an Elbe pilot schooner, the Prince Louis had long been the property of the Moray Sea School, which is run in conjunction with Gordonstoun School, where the Duke of Edinburgh was educated. At this school skill and independence gained in sailing small boats is an important part of the curriculum.

Unfortunately, during the past winter, it was found that the old schooner required extensive repairs, which were too expensive for the coffers of the Moray Sea Training School. So the Marine Society purchased the Prince Louis for a small sum, repaired her at the cost of several thousand pounds, and chartered the schooner to the Moray Sea School for a term of five years for the nominal sum of one shilling per annum.

The auxiliary ketch Warspite is on similar charter from the Marine Society to the Outward Bound Sea School at Aberdovey.

HONEY BEAR MASCOT

During their period of service in Malaya, the 1st Battalion King's Own Yorkshire Light Infantry—the KOYLIS in Army vernacular—acquired a four-month-old honey bear as a mascot. This delightful creature soon became a firm favourite with the troops, who christened him Esau.

Now that the battalion is preparing to leave for England, Esau has already been sent on with the advance party, after being inoculated for the journey. On arrival in this country he is to be found a home at Whipsnade Zoo, where it is thought he will quickly become acclimatised.

VICE VERSA—F. ANSTEY'S AMUSING SCHOOL STORY TOLD IN PICTURES (9)



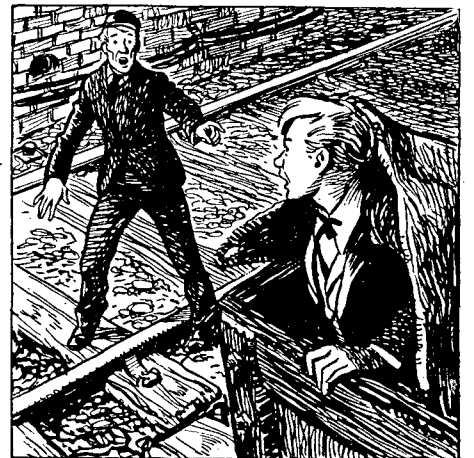
Dick, as "Mr. Bultitude inspecting the school," kept forgetting what he looked like, and amazed the boys and the Head by the way he spoke. "How do, Biddlecomb," he said, "I owe you ninepence—I mean, oh hang it, here's a shilling for you." Then fearing he would be detected as a bogus parent, he said "Goodbye, you chaps—I mean young gentlemen," and he went out. The boys thought he was "not half such a bad old buffer."



Mr. Bultitude himself was very excited. His son had given him a sovereign for "pocket money." At last he could escape! That evening he slipped out, changed the sovereign and ran to the station. Unluckily, three boys saw him there. He consulted the time table and saw that there was no train to London for an hour and a half. He must hide, for he would be missed and the Head, hearing where he had been seen, would come here.



He hid in a goods truck covered with a tarpaulin and felt quite secure. Then some railwaymen approached and he heard them say they were going to hitch these three trucks on to a luggage train due in five minutes and going north. He was desperate. The goods train would take him a hundred miles or more farther from home. He resolved to risk showing himself and appealing to these men to help him in his predicament.



He stuck his head out and gave the man below a terrible start. For this was a superstitious porter, and he told the others the truck was haunted. But the foreman dragged Mr. Bultitude out. The fugitive said he was running away from school and that the Headmaster would soon be here to look for him. He gave them ten shillings between them and begged them to hide him for a short while until the London train arrived.

Will Dr. Grimstone come, and will the railwaymen help Mr. Bultitude? See next week's instalment.

The Gallant Third of Milbourne

Hail—and Farewell (2)

The Gallant Third had returned from their holiday in the French Alps only to find that Mr. Grimmett, their Form-master, was to retire at the end of the term. After much discussion about the form of a testimonial they had decided to give him, Pettifer claimed he had found a solution.

AND what was Pettifer's wonderful idea? Why, a dinner!

Of course, they all said. The very thing. Now why hadn't they thought of it? Pettifer was certainly the one for smashing ideas.

The first thing they had to do, said Pettifer, was to get the invitation cards printed. Gudgeon's friends, the printers Filmer and Filmer, would be able to provide those.

And how proud the Third Form were when they saw the invitation cards!

MILBOURNE SCHOOL

THE THIRD FORM
requests the pleasure of
your company to Dinner on
December 15, at 9 p.m.
R.S.V.P.

They arrived as the term was racing towards its end. Then did Pettifer make his way to the Head's room.

"Sir," he began, "you read such a lot in the newspapers about banquets being given in honour of someone or other."

"Yes," said the Head very pleasantly, "I suppose one does."

"Sir, would you allow us to give one to Mr. Grimmett?"

"And who may 'we' be?" asked the Head.

"His Third Form, sir," Pettifer answered. "Because he is leaving."

"You would like me to attend as well?" queried the Head.

"Oh, sir!" gasped Pettifer. "We'd not thought of asking you."

"H'm! But I suppose you will extend your invitation to Houghton, as captain of the school?"

"Oh, no, sir," said Pettifer, shuddering. "We're not asking Houghton, sir."

"You are not?" said the Head, without comment. "Then whom are you asking?" He was fingering the grand invitation card as he spoke. "I see you've put R.S.V.P. here. So obviously you are expecting a number of guests."

"Sir, the printer put the R.S.V.P., sir," said Pettifer. "So the committee thought we'd better leave it like that."

"Your committee! And who are they, Pettifer?"

"Sir, Balmforth and Jellicombe, with me, sir. Balmforth's father is an alderman, so he is always going to banquets, and he promised to tell Balmforth how to run ours."

"Indeed!" drawled the Head. "That was kind of him."

"Yes, sir," said Pettifer.

"And have you sent your invitations yet?"

"No, sir. We were waiting till nearer the time, and for your permission, sir."



"So even your guest of honour has not received his yet?"

"Oh, no, sir," said Pettifer instantly. "Of course not! The Grim—I mean Mr. Grimmett, sir, would only jump on us and tell us that he'd never heard of such nonsense."

"He would put his foot down; you fear?"

"We're sure he would, sir. So we're keeping it dark from him, and from everyone else, till the very last moment."

"I see," said the Head. "Well, I'm afraid we are wasting our time. For, of course, I could not allow you to start giving banquets, either to Mr. Grimmett or to any-

MARK WESTAWAY'S DIARY

A new series of adventure stories by Garry Hogg begins on this page next week.

one else in the school. It is wholly ridiculous."

"But it isn't ridiculous to us, sir," said Pettifer.

His voice had changed and fallen as he said that.

THE Head looked at him piercingly.

"But, Pettifer," he said, "supposing that I gave you permission, where would you hold the dinner?"

"Sir, you know our Third Form classroom?"

"I do," said the Head.

"Well, sir, if we moved out the desks and the rest, sir, there'd be plenty of room for a dinner-table instead. The committee have worked all that out, sir."

"Indeed," said the Head. "And

YOUNG QUIZ



- 1 What is a seismograph?
- 2 Where is Greenwich Village?
- 3 What is the difference between a Kentish man and a Man of Kent?
- 4 What is the science of Cybernetics?
- 5 What football club is nicknamed "The Pensioners"?
- 6 Pulsate means to throb, to smell, or to hope?
- 7 Who wrote: Ah, but a man's reach should exceed his grasp, Or what's a heaven for?
- 8 Complete these book titles: Masterman —; Midshipman —; Captains —.

Answers on page 11

by GUNBY
HADATH

I see that you were fixing the date for a Saturday."

"Yes, sir. Two days before we break up."

"And the time for nine o'clock?"

"Yes, sir. All the junior school, as you know, sir, has its cocoa and biscuits before it goes up to bed."

"But wait a moment! Do I take it that you were proposing to banquet Mr. Grimmett on cocoa and biscuits?"

"No, of course not, sir," responded Pettifer. "We should ask cook to find him some real food. I mean, if you had allowed us, sir, to have the dinner."

"I see," said the Head in a new tone. "And suppose I say yes?"

"You mean, sir, you've changed your mind?" said Pettifer eagerly.

"Yes. On second thoughts, you shall have your dinner. But take my advice. Don't give Mr. Grimmett too much notice. For if you do, I'm afraid he'll back out of it."

"Yes, sir," said Pettifer.

But what could the Grim Bird do when that fine card reached him? He could tear it up, of course. But that seemed a little unporting to those miserable urchins who would soon be burdening his existence no longer. So very soon. In a day or two. Was that a sigh? Or was it only a twinge of indignation?

THE room had been splendidly cleared when the evening arrived. In place of the Third Form's customary cocoa and biscuits was cold chicken and salad. Was that the Headmaster's doing? None of them knew. Though they knew that his wife had provided the stone ginger-beer. And the holly on the walls was her idea, too, they said.

And now Balmforth had taken the chair at the head of the table, with Mr. Grimmett on his right hand and Jellicombe on his left. And as soon as Grace had been said and the loyal toast honoured—trust their chairman's father, the alderman, to send them word how to begin—Balmforth rapped upon the cloth again and rose to his feet.

It was at the instant when Balmforth was clearing his throat that the door was opened and the Head himself stood framed in the doorway.

"May I join you?" he said.

THE first of them to recover his senses was Jellicombe, who jumped up and offered his seat on the left of the chairman. With a word of thanks, their unexpected visitor took this; then, after a whisper to Balmforth, he produced a small package from his pocket.

He was going to give their Old Grim Bird a leaving present!

And so the Head was. Though not of the kind most expected.

"I have here," he announced, as he opened the package, "a number of telegrams received from our Old Boys, expressing their best wishes to Mr. Grimmett. You will be wondering how I received them for him at this moment?"

Continued on page 10

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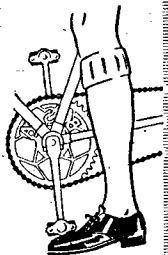
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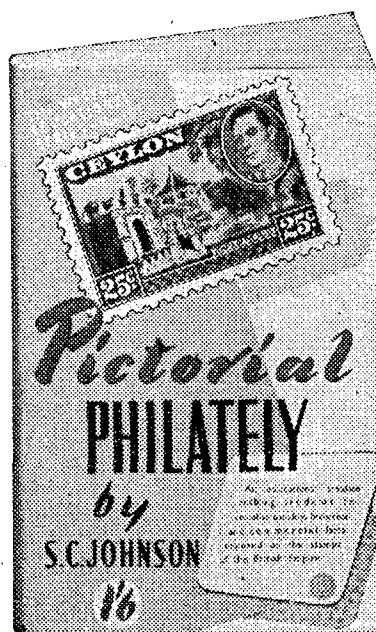
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PHILATELIC SERVICES

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NOT SO DULL AS THEY SEEM

MANY of us would find it delightful to go to school with people who think it discourteous to give the right answer to a question if others present are unable to do so. One could just sit back and be polite!

Yet such is the practice among the Sioux Indians of South Dakota, according to Dr. Klineberg's recently-published Unesco pamphlet, Race and Psychology (Stationery Office, 1s. 6d.); and ethnologists studying them thought they must be exceptionally stupid, until their unselfish reason for not answering questions came to light.

Dr. Klineberg gives other examples to show that tests to assess the comparative intellectual qualities of different races may be misleading. For instance, it is no use trying speed intelligence tests on Red Indians. They are used to moving and working at a slow rhythm and refuse to be hustled. But give them time, and doubtless they can perceive as well as anyone what is wrong with the tale about the boy who dug up a coin inscribed "Julius Caesar, 55 B.C."

There are also certain Australian tribes where it is the custom to work as a group. These people never show themselves at their best in individual tests; they have too much team spirit.

Samoan natives do not come out

well in tests calling for the drawing of a design, for they cannot resist following their natural aesthetic sense for beauty, and so do not worry whether their drawing is an exact reproduction of a chosen object.

The backwardness of some races which is supposed to be inherited may be due to lack of educational opportunities and to low living standards. In this respect some interesting observations were made on Negroes in southern America, where schools and living standards are, on the whole, inferior.

Tests seemed to show that the Negroes were less intelligent than the white people. But Negroes in the north, where their conditions are better, were superior to those from the south; and in New York, where schools are open to all children, irrespective of colour, there was little or no difference between one race and the other.

Dr. Klineberg's pamphlet should do much to clear away prejudice on this racial question, prejudice which often inflicts suffering on a so-called "inferior race."

CASTOR OIL SHORTAGE

One of the world's shortages just now is castor beans, the source of castor oil. It is a shortage that many of us might welcome, but it is nevertheless a serious one, for castor oil goes into jet engines because it keeps a steady temperature, and into nylons and plastics. Castor oil, in fact, is one of the world's maids of all work.

To keep up the supply another 80,000 acres of castor beans must be grown in the world every year instead of the mere 9000 planted last year.

600-YEAR-OLD GUITAR

British craftsmen have long been able to make superb musical instruments of many kinds, and the fact is amply demonstrated at an exhibition now on at 4 St. James's Square, London, S.W.1, until August 30.

Some 350 examples are on show, including many viols and violins. There is also an oboe that was once Mozart's; a double bass from the private band of George III; and a gittern (a kind of guitar) from Warwick Castle which is over 600 years old.

GALLANT THIRD OF MILBOURNE

Continued from page 9

But how could the company guess?

"Well, for that you have to thank your committee," he went on. "For as soon as I had given consent to this—er—celebration, they wrote to some of the Old Boys, whose addresses I gave them, telling those Old Boys that Mr. Grimmatt was leaving and suggesting that they would like perhaps to wire him a 'Hail and Farewell.'"

"Their *Ave Atque Vale*. Yes, sir," squeaked Sprattle.

"But your committee were artful," the Head resumed, with his brisk smile. "For they wanted to keep these telegrams as a surprise. So what did your committee do? They told those Old Boys to address their wires to myself, for me to deliver in time for tonight."

"Yes. We never dreamed that you'd honour us yourself, sir," owned Balmforth.

"Strange things happen. Shall we proceed?" said the Head.

So now Balmforth was up again in a hush of excitement to make the speech of the evening, proposing the health of their guest. He had learned it off by heart and rehearsed it with Pettifer. But what

a difference between rehearsing it privately and delivering it in public with every ear stretched!

So all that he could recall was the bit at the end, and this he brought out to round after round of applause.

Then Mr. Grimmatt (after a song by young Sprattle, who trilled like a bird) stood up to reply.

They said afterwards that none of them ever remembered their Old Grim Bird's face so pale and his voice so unsteady. So far as they could hear he was saying that never in all his days had he dreamed that his Third Form could rise to such heights as those they had risen to this evening. He said they astounded him. He said other things also which had never passed through his lips in the classroom. Their industry, for example, and their intelligence—so far as they understood him, they might have been models.

Then he sat down abruptly.

And Pettifer stood up.

"Now, all together!" he shouted. "One, two, three! Go!

"For he's a jolly good fellow!

"For he's a jolly good fellow!

"For he's a jolly good fell-el-ow,

And so say all of us!"



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SPORTS SHORTS

THIS is the most important week of the year for British swimmers, for on Wednesday, August 22, the Amateur Swimming Association Championships begin at Lancaster. Among the younger competitors are Peter Head, the great young London sprinter who held so many junior titles and records before he stepped up into the senior class, and Margaret McDowall, from Kilmarnock, who took both junior and senior back-stroke titles last year.

A determined challenge from overseas will come from Goeran Larsson, Swedish holder of the European back-stroke title, who is competing in our National 100 and 220 yards free style events. A powerfully-built young Stockholm student, Larsson swims from four to five thousand yards a day, and keeps fit during the winter with ski-ing. In Sweden they expect this young man to take an Olympic title next year at Helsinki.

THE world cycling championships start next weekend at Milan. For more than a week the greatest British, European, and Australian cyclists will be competing for the various amateur and professional titles. Our own Reg Harris, world sprint champion, will doubtless find his greatest challengers in the Australian Syd Patterson, and the Dutchmen, Arie van Vliet and Jan Derksen.

Among the amateurs who will ride for Britain are three newcomers to world championship class: Cyril Bardsley, of Manchester, our own sprint champion; Lloyd Binch, from Nottingham; and Jack Tighe, of Scunthorpe.

THE South African Rugby team due to arrive soon for their winter tour will be one of the biggest sides ever seen in Britain. The average weight of the 16 forwards with the party is over 15 stone. The heavyweight of the team is "Iron Man" Dannhauser, who stands 6 feet 3 inches and weighs 16 stones 6 pounds. He is also a wrestler, and a few years ago was runner-up in the Transvaal heavyweight boxing championship.

WORLD CAMPING RALLY

Four thousand men, women, and children from Britain and America and fifteen European countries recently attended a camping rally in Florence. Their ages ranged from six to seventy, and among them were "light-weight" campers with their kit on their back, cyclists, motor-cyclists, and motorists with trailer caravans.

The city of Florence acted as "host," and placed the camp site in the Cancine Park at the campers' disposal, as well as entertaining them at an official reception in the Vecchio Palace.

Their programme included a pageant of historical football; a paper-chase for campers on bicycles, a gymkhana; sing-songs; competitions, and dancing.

Mr. Herbert Morrison sent a good will message to the rally, expressing his hope that it would "prove an outstanding success and contribute greatly to international understanding between our peoples which is so essential if the many problems of this troubled world are to be satisfactorily settled."

BRITISH athletes will be working hard during the next few days, for international teams are due to meet Yugoslavia at Belgrade this weekend, and Greece at Athens a few days later. Then they will fly on to Istanbul for a series of events against a Turkish team.

RONALD TINDALL is only 15, but this season he has hit several centuries. A Camberley County Grammar schoolboy, he has scored many runs for his school. He also made a fine 170 for the Evening News Colts team against the Stage C.C., and then, playing for his local club, Frimchett, hit another hundred—this time against the Colts.

THE hero of the match in which Glamorgan beat the South Africans was 28-year-old Jim McConnon, who took 6 wickets for 27 runs in the second innings—including a brilliant hat-trick. He played soccer for Aston Villa until injury forced him to give up the game. Doctors told him he might never again be able to play any strenuous sport, but he gained a trial with Glamorgan, and in his second season has become one of our best spin bowlers. He is also playing soccer again, for Llanelli.

WHEN he won the six-mile race in 29 minutes 13.8 seconds in the international match between England and France, Walter Hesketh, of Manchester, broke four records: English native, British National, British all-comers, and the 47-year-old five-mile English native record.

ANOTHER important sports date next weekend is the Wightman Cup match between our own women tennis players and those of America, at Chestnut Hill, Boston. Unfortunately we cannot hope for victory.

IN the international match with France, Roland Hardy, of Sheffield, achieved a new record for the 5-mile walk. His time, 35 minutes 24 seconds, was 9 seconds better than the previous record, held by Harry Churcher, another Englishman.

SHEFFIELD READER WINS BICYCLE

The Bicycle offered as first prize in No. 5 of the C.N.'s fortnightly competitions has been awarded to:

Margaret A. Oliver,
10 Linden Avenue,
Woodseats, Sheffield 8,

whose painting of the picture was adjudged the best and most neatly done. Congratulations, Margaret!

The following are the winners of the Ten-Shilling Notes, their entries being judged the next best:

Roger Nichols, Dunstable; Sylvia Ritchie, Manchester; Ann Beard, Penzance; David Simpson, Seahouses; Irene Jackson, Paisley; E. Jephcott, Enfield; Virginia Woodward, nr. Bewdley; Rosemary Ramsay, Stockfield-on-Tyne; Alan Markby, London, N.W.6; Trevor Wharton, Carleton.

Special Mentions for: Georgina Lisher, Harrogate; Gillian Sherwood, Hatch End; Josephine Axbey, Long Eaton; R. Allison, Wilby; John Smith, Ashford.

There will be more grand prizes to be won in next week's fascinating competition. Order your C.N. now.

FIJIANS EXCEL AT RUGBY

A Rugby team from the Fiji Islands is now touring New Zealand, playing a series of games against some of the best teams of that very famous Rugby-playing Dominion.

The tour, which began last month, will continue until mid-September, and the programme includes matches against teams representing all the New Zealand provinces, as well as against a team consisting of the best Maori players.

The Fijians, like the Maoris, are an athletic race. They have been taught the Rugby game by old college men from Britain, New Zealand, and Australia who have settled in Fiji. This is their second tour of the Dominion. On their first tour in 1939 they did not lose a match.

The badge of the team is a palm leaf which on the playing field is worn on a white jersey, with black shorts and black-and-white stockings. When not playing, the Fijians wear a black blazer with the traditional lava-lava, a form of skirt in grey flannel worn in the manner of the Highland kilt.

DIESEL-ELECTRIC TRACTOR

One of the latest designs of heavy-duty tractor is driven by four electric motors, one within the hub of each wheel.

Current is fed by flexible wires direct to each motor, and clutch, gearbox, drive shaft, and normal brakes are all unnecessary. Power for these motors is provided by an ordinary diesel engine driving a generator, so the tractor is truly a diesel-electric vehicle.

Another novel feature is four-wheel steering. The front and rear pair of wheels can be turned in opposite directions for turning in small circles; or the front wheels only turned for normal steering; or all wheels turned in the same direction for oblique or "crab-wise" motion.

At present the first of these tractors is being used for the ground handling of large aircraft, where manoeuvrability and high power count. The diesel-electric tractor can exert a pull of 40,000 lbs., or about sixteen times its own weight.

HARDER TO MAKE MONEY

Most people find it hard to make money, but few would expect a Mint to find such difficulty. But it is getting harder to make money at the Birmingham Mint, their chairman said recently.

The rationing of the metals copper, zinc, and nickel has caused this Mint to ration the amounts of money they make for their customers overseas.

YOUNG QUIZ—Answers

- 1 An instrument for recording earthquakes.
- 2 In New York City.
- 3 Those born east of the Medway are men of Kent; those born west of it are Kentish men.
- 4 The use of electrical devices as substitutes for the human senses.
- 5 Chelsea.
- 6 To throb.
- 7 Robert Browning.
- 8 Ready; Easy; Courageous.

SAMMY SHUTEYE

SAVES THE DAY

WE SHANT GET TO THE SEASIDE TODAY. COACH HAS BROKEN DOWN

TO BRIGHTSEA

NEVER MIND GOOD PLACE FOR A SNOOZE

DREAM

TRAMPING TRIPPERS I'D PEDAL TO PENZANCE FOR A MARS

THREE CHEERS FOR SAMMY

NOW FOR A SWIM AND A MARS

GOSH MARS ARE MARVELLOUS

Dig your teeth into Mars for the thrilling taste of full-cream milk chocolate, buttery-flavoured caramel and chocolate malted milk whipped in white of egg. They're marvellous!

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THE BRAN TUB

UPS AND DOWNS

LITTLE Bernard came to the top of the stairs, but to get his wooden horse down them was a problem.

He thought things over for some time, and then, reassured, laid the horse on the landing and began to descend, saying:

"Don't worry, little horse. I shall come back and fetch you after I have got myself down-stairs."

COUNTRYSIDE FLOWERS

ON marshy meadowland or in damp woods Great Wild Valerian flourishes. The small flowers, which may be found in various



shades of pink, grow in clusters on stiff stalks rising from the main stem. The leaves grow in pairs, united at the base; the undersides are covered with soft hairs. The ribbed stems are hollow and grow from two to four feet high.

Although the flowers have an odd, unpleasant smell, the roots are sweet scented but possess a bitter taste. Preparations for various nervous troubles are made from the roots.

BEDTIME CORNER

Larry Lobster's new suit

DOWN in a deep dark rock pool Larry Lobster lay, feeling very sorry for himself. The trouble was that his blue shell suit was now far too tight, which made him terribly uncomfortable.

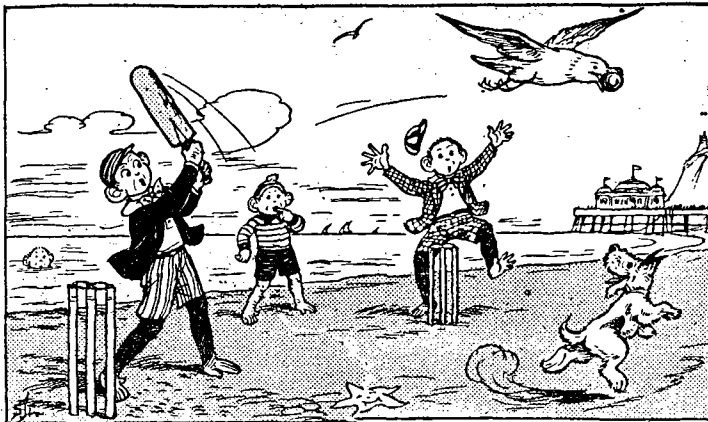
He had first noticed the tightness when he had been swimming specially fast, so he slowed down his swimming till now he only moved at a crawl. But that did not help for long, for his suit soon seemed tighter than ever.

He decided to try slimming then, and many a juicy morsel he let float by instead of gobbling it up. But presently that did not help, either, and his coat was so tight he could scarcely breathe.

"If only I could take the wretched thing off!" groaned Larry, so loudly that a couple of prawns swimming by backed away in haste. But he had not, of course, any buttons to undo, so it did not look very hopeful.

Then the prawns, overcome by curiosity, came swimming

JACKO DOESN'T LIKE BEING CAUGHT OUT



"Bit cold for a swim," said Jacko. "How about a game of cricket?" So the game began with Chimp bowling, Jacko batting, and Baby and Bouncer fielding—in all positions. They had not been playing long when Jacko popped one into the air and down swooped a gull to make a delightful catch. "Howzat?" roared Chimp. "Out," screamed Baby, self-appointed umpire. "You're too gullible—easily caught!" chuckled Chimp. But Jacko was not amused. "Would you all stop looking like silly mid-ons and tell me how we are going to get our ball back?"

Burning question

THEY were discussing poetry.

"Well, I think that the modern poets put plenty of fire into their verses," said one.

"And I think that some of them don't put enough of their verses into the fire," said the other.

JUST A COPPER

IF you take half away you'll see. You double it—what can it be?

The reason has occurred to you? A halfpenny—yes, that is quite true!

THERE'S A CATCH IN IT



Oh, look! I've caught a whopper; He's too big for the jar. I'm sure to come a cropper If I carry him too far.

Riddle-my-name

My first is in carp, not in dace;
My second's in air and in grace;
My third is in play, not in game;
My fourth's in master and in dame;
My fifth is in boat and canoe;
My sixth is in scene, not in view;
My last is in trudge and in plod.
A boy who will make Mary nod.

Answer next week

CHAIN QUIZ

The answers to these clues are linked together, the last two letters of No. 1 being the first two of No. 2, and so on.

1. Family name of three sisters, daughters of a country clergyman in Yorkshire, who all became famous of novelists.

2. Largest state in U.S.A., three times as big as Great Britain, famous for its ranches.

3. Tudor scholar (1515-68), Queen Elizabeth's tutor for two years, remembered for one of the first English books on education, The Scholemaster.

4. Lowest form of animal life, a one-celled organism which feeds by absorbing nourishment through its walls and multiplies by splitting into two when fully grown.

Answer next week

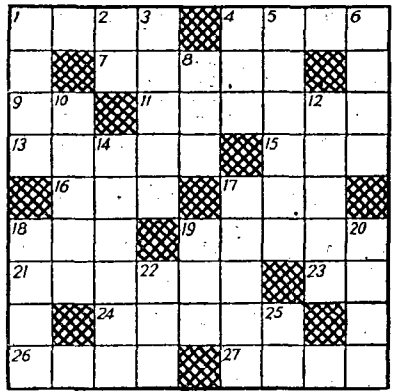
Crossword Puzzle

READING ACROSS. 1 Poke. 4 Grasp. 7 Earn. 9 Territorial Army (abbrev.). 11 Narrow-necked vessel. 13 Divided. 15 Fish. 16 Deep hole. 17 Before. 18 Species of deer. 19 Covers. 21 Antenna. 23 Thus. 24 Small tailed amphibians. 26 Not very good. 27 Long-eared animal.

READING DOWN. 1 Favourites. 2 Order of Merit (abbrev.). 3 Opposite of credit. 4 Knock. 5 Furred mammals with webbed feet. 6 Fight between two persons. 8 Decay. 10 Fruit. 12 Vegetables. 14 Compares. 17 We live on it. 18 News. 19 Gull. 20 Tender. 22 Lion. 25 South Africa (abbrev.).

Answer next week

The Children's Newspaper, August 25, 1951



Riddle in rhyme

TAKE first a fruit which grows in sunny climes. Behead its seed and substitute a t. Now join the two together and discover, A pretty butterfly we often see.

Answer next week

DESERVED

"I WAS the only one in my class who could answer a question," said Billy to his friend Paul. "Yet I was caned for it."

"Really?" said Paul. "What was the question?"

"Who put glue in teacher's ink bottle?"

Crooked work

A LAZY old shepherd named Stook Fell asleep as he leaned on his crook, Which for him was no joke, For the crook quickly broke, And he fell headlong into the brook.

FARMER GRAY EXPLAINS

MUSSELS BEWARE. As the tide receded, hosts of interesting things could be found round the weed-covered rocks. On a break-water, Don found clusters of mussels hanging. Several of the shells had a neat hole drilled in them. "Odd!" he thought.

"It was the work of a purple snail or dog-winkle," explained Farmer Gray, hearing of this mystery. "Mussels are able to keep most enemies at bay. They possess two powerful muscles which enable them to keep their shells closed. Purple snails drill a hole in the mussel's shell and make a meal of the unfortunate owner."

LAST WEEK'S ANSWERS

Guess where Coast

August thirds

Cleopatra, Jefferies, Salisbury, Lavoisier, Arkwright, Flamsteed

Chain quiz

Blackmore, Regina, Nash, Shillibeer

Riddle-my-name

Bernard

EVERY BRIGHT BOY KNOWS...

THAT DENIS COMPTON SCORED 17 CENTURIES IN ONE SEASON

McDONALD BAILEY RAN 100 YARDS IN 9.6 SECONDS

JESSE OWENS JUMPED 26 FEET 8 1/2 INCHES.. AND THAT

HASSAN ABD EL REHIM SWAM THE CHANNEL IN 10 HOURS 50 MINUTES...

THERE ARE SIX DIFFERENT CHOCOLATES ON EVERY

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This is a record, too, in its own way—a record for variety and different, delicious flavours! Milk or plain, and six different chocolates, every one a prize winner—that's why it's

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